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****CERTIFIED QA LAB TECHNICIAN'S SIGNATURE**

QA-5

REPORT OF QUALITY ASSURANCE CORE SAMPLE DENSITY RESULTS

GENERAL NOTE: This form to be completed by QA technicians when performing retesting of QC core samples, testing of quality assurance comparison core samples, and testing of verification core samples. Samples from more than one day's production may be reported on each form. This form shall be initiated by the Department's QA Roadway Technician by completing blanks numbered 1-13 and 17-18 at the roadway paving site. The QA core samples and Form QA-5 will either be taken to the appropriate QA Lab by DOT personnel or placed in a sealed container and delivered to the Contractor's QC Lab for pick up by QA personnel. When compaction results have been determined by the QA Lab, the QA plant technician will complete lines 13,14,15,18, and 19. Distribution will be as follows: QA lab will send the original to the Resident Engineer, fax a copy the Contractor's QC lab and the QC lab will forward a copy to the NCDOT roadway technician.

1. Prime project number from which core sample(s) were taken.
2. Project Engineer in charge of project.
3. Contractor that placed and compacted the mix.
4. Division in which the project is located.
5. Location of plant producing mix for the project
6. Numbering of samples will be as follows:
 - a. Retest of a QC core: no. will be the QC number followed by the suffix "R";
 - b. QA comparison cores: no. will be the QC sample number followed by suffix "QA"
 - c. Verification cores: no. will be the QC test section no. followed by the suffix "V"
 - d. Longitudinal joint cores: no. will be the QC test section no. followed by the suffix "J"
7. Random Sample No. used to locate core sample(s).
8. Actual date material was placed and compacted.
9. Type of mix core sample (s) represents; i.e. S9.5B, I19.0C, etc.
10. Job mix formula of type mix being tested.
11. Map or route number on which mix is being placed.
12. Actual station number from which core sample was taken.
13. Location of lane being paved. (Rt. EBL, Lt. SBL, Rt. -Y 4-, etc.)
14. Percent compaction of actual QA core sample to nearest 0.1%.
15. Percent compaction of actual QC core sample to nearest 0.1%.
16. Mark "Yes" if QA and QC results are within acceptable limits of precision or "No" if not.
17. Printed Name and HiCAMS certification number of the certified Roadway Technician completing form
18. Signature of certified Roadway Technician certifying that data entered on this form is true and correct.
19. Printed Name and HiCAMS certification number of the certified QA Lab Technician completing form
20. Signature of certified QA Lab Technician certifying that data entered on this form is true & correct.